

DOCKET: CU-4144

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**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

APPLICANT: Shiro IKEDA et al )  
 )  
TITLE: MULTIPLE TUBE TYPE SEPARATION )  
MEMBRANE MODULE )  
 )

COMPLETION OF PCT/JP2003/012678 filed October 2, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of the first Office Action on the merits, whichever event occurs last. 37 CFR 1.97(b).

Applicants submit herewith patents, publications or other information of which the applicants are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose under 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The references submitted herein are listed on PTO-1449 form (modified) enclosed herewith. A copy of each reference listed is being furnished except any duplicate or cumulative patents or publications specified otherwise. Copies of U.S. references are not provided as a result of recent amendments to the requirements for filing Information Disclosure Statement citations.

A translation of any foreign language reference, if any, is indicated in PTO-1449 form and being submitted herein if it is readily available. Otherwise it should be construed that such translation is not readily available.

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The Statement is made on the basis of the information supplied by an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)).

Respectfully submitted,

April 6, 2005

Date

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Attorney for Applicant

Brian W. Hameder, Reg. 45613  
c/o Ladas & Parry  
224 South Michigan Avenue  
Chicago, Illinois 60604  
(312) 427-1300

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JC13 Re PCT/PTO 06 APR 2005

EV580845651US

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (37 CFR 1.98(b))	ATTY. DOCKET NO. CU-4144	SERIAL NO.
	APPLICANT Shiro IKEDA et al	
	FILING DATE	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	4,849,104	July 18, 1989	Garcera et al			

## U.S. PUBLICATION DOCUMENTS

EXAMINER INITIAL	PUBL. NUMBER	PUBL. DATE	INVENTOR	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES   NO
	2000-015012	Jan. 18, 2000	Japan			Partial
	04-325402	Nov. 13, 1992	Japan			Partial

## OTHER DOCUMENTS (Including Author, Title, Date, Place of publication)

EXAMINER	DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not In conformance and not considered. Include copy of this form with next communication to applicant.			

(Form PTO-1449)